

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	69	(DSF or dispersion) and forward pump\$3 light	US-PGPUB; USPAT	NEAR	ON	2010/01/06 12:17
L7	21	(DSF or dispersion\$shift\$4) and forward pump \$3 light and zero	US-PGPUB; USPAT	NEAR	ON	2010/01/06 12:17
L8	21	(DSF or dispersion\$shift\$4) and forward pump \$3 light and zero dispersion	US-PGPUB; USPAT	NEAR	ON	2010/01/06 12:18
L9	27	("5189676"   "5234772"   "5323404"   "5636301"   "5712715"   "5812583"   "5815518"   "5825520"   "5867306"   "5966480"   "5978131"   "6104528"   "6204958"   "6215581"   "6236498"   "6310899"   "6320884"   "6339494"   "6342965"   "6344922"   "6377392").PN. OR ("6678087").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/06 12:27
S1	1687980	zero dispersion wavelength	US-PGPUB; USPAT	OR	ON	2009/06/12 19:10
S2	1767	zero dispersion wavelength	US-PGPUB; USPAT	NEAR	ON	2009/06/12 19:10
S3	20	fbg pump\$4	US-PGPUB; USPAT	NEAR	ON	2009/06/12 19:11
S4	3624	dra or distribut\$4 raman amplification	US-PGPUB; USPAT	NEAR	ON	2009/06/12 19:15
S5	3676	dra or distribut\$4 raman amplif\$5	US-PGPUB; USPAT	NEAR	ON	2009/06/12 19:15
S6	116	S2 and S5	US-PGPUB; USPAT	NEAR	ON	2009/06/12 19:15
S7	116	S2 and S5	US-PGPUB; USPAT	ADJ	ON	2009/06/12 19:16
S8	3661	dra or distribut\$4 raman amplif\$5	US-PGPUB; USPAT	ADJ	ON	2009/06/12 19:16
S9	10	S2 and S5 and fbg and pump	US-PGPUB; USPAT	ADJ	ON	2009/06/12 19:16
S10	7	pump dra	US-PGPUB; USPAT	ADJ	ON	2009/06/12 19:21
S11	17	pump dra	US-PGPUB; USPAT	NEAR	ON	2009/06/12 19:21
S14	21	"6141130" "6584260" "20020136524" DE10040791 WO03027739	US-PGPUB; USPAT	OR	ON	2009/06/12 19:56
S15	398	(Masuda-Hiroji\$ Sato-Kenji\$ Miyamoto-Yutaka \$).in.	US-PGPUB; USPAT	OR	ON	2009/06/12 20:00
S16	3	(Masuda-Hiroji\$ Sato-Kenji\$ Miyamoto-Yutaka \$).in. and S5	US-PGPUB; USPAT	OR	ON	2009/06/12 20:00
S17	34	("6172803").URPN.	USPAT	OR	ON	2009/06/12 20:01
S18	92	(forward or back\$ward\$2) with (dra or distribut \$4 raman amplification)	US-PGPUB; USPAT	NEAR	ON	2009/06/12 20:26
S19	18	(forward or back\$ward\$2) with (dra or distribut \$4 raman amplification) and "1440"	US-PGPUB; USPAT	NEAR	ON	2009/06/12 20:27

S21	17	(forward or back\$ward\$2) with (dra or distribut \$4 raman amplification) and signal with wavelength and "1440"	US-PGPUB; USPAT	NEAR	ON	2009/06/12 20:44
S22	9	(forward or back\$ward\$2) with (dra or distribut \$4 raman amplification) and incoming with signal with wavelength and "1440"	US-PGPUB; USPAT	NEAR	ON	2009/06/12 20:44
S23	17	(forward or back\$ward\$2) with (dra or distribut \$4 raman amplification) and (incom\$4 or input) with signal with wavelength and "1440"	US-PGPUB; USPAT	NEAR	ON	2009/06/12 20:45
S25	2717	398/92,79,81,84,85,87,92,95,97.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/06/13 14:40
S29	442	398/92,79,81,84,85,87,92,95,97.ccls. and pump	US-PGPUB; USPAT	NEAR	ON	2009/06/13 14:43
S30	60	398/92,79,81,84,85,87,92,95,97.ccls. and pump and (dra or Distribut\$5 Raman amplif\$7)	US-PGPUB; USPAT	NEAR	ON	2009/06/13 14:43
S31	23	398/92,79,81,84,85,87,92,95,97.ccls. and pump and (dra or Distribut\$5 Raman amplif\$7) and dispersion shift\$5	US-PGPUB; USPAT	NEAR	ON	2009/06/13 14:44
S153	5	(variable near1 attenuat\$5) and "6437906"	US-PGPUB; USPAT	WITH	ON	2009/06/15 08:56
S154	517	(Fabry-Perot laser diode or fp\$ld or Fabry-Perot or Fabry adj Perot) and (variable near1 attenuat\$5)	US-PGPUB; USPAT	WITH	ON	2009/06/15 09:05
S155	13	(Fabry-Perot laser diode or fp\$ld or Fabry-Perot or Fabry adj Perot) with (variable near1 attenuat\$5)	US-PGPUB; USPAT	WITH	ON	2009/06/15 09:05
S156	517	(Fabry-Perot laser diode or fp\$ld or Fabry-Perot or Fabry adj Perot) and (variable near1 attenuat\$5)	US-PGPUB; USPAT	WITH	ON	2009/06/15 09:09
S158	41	(Fabry-Perot pump\$4) and (variable near1 attenuat\$5)	US-PGPUB; USPAT	WITH	ON	2009/06/15 09:10
S168	258	(excit\$state or gain variation) (erbium-doped fiber or edfa or edf)	US-PGPUB; USPAT	WITH	ON	2009/06/15 09:46
S169	93	(excit\$state or gain adj variation) (erbium-doped fiber or edfa or edf)	US-PGPUB; USPAT	WITH	ON	2009/06/15 09:47
S175	205	(erbium-doped fiber or edfa or edf) with population inversion	US-PGPUB; USPAT	NEAR	ON	2009/06/15 09:54
S176	133	(gain variation) with (erbium-doped fiber or edfa or edf)	US-PGPUB; USPAT	NEAR	ON	2009/06/15 09:55
S177	25	S175 and S176	US-PGPUB; USPAT	NEAR	ON	2009/06/15 09:55
S187	21	(US-20060251364-\$ or US-20060204170-\$ or US-20070053692-\$ or US-20070030558-\$ or US-20030016437-\$ or US-20040109655-\$ or US-20040264968-\$ or US-20070154131-\$ or US-20060263090-\$ or US-20060045542-\$ or US-20030044111-\$ or US-20020141044-\$).did. or (US-6504973-\$ or US-6631025-\$ or US-6600592-\$ or US-6809865-\$ or US-6141130-\$ or US-7085039-\$ or US-7133193-\$ or US-6970650-\$ or US-5936763-\$).did.	US-PGPUB; USPAT	OR	ON	2009/06/15 11:39
S196	874	359/334.ccls.	US-PGPUB; USPAT	NEAR	ON	2010/01/04 17:43
S197	172	359/334.ccls. and forward pump\$4	US-PGPUB; USPAT	NEAR	ON	2010/01/04 17:43
S198	114	359/334.ccls. and forward pump\$4 and edfa	US-PGPUB; USPAT	NEAR	ON	2010/01/04 17:43

S199	74	359/334.cls. and forward pump\$4 and edfa and @ad<="20041005"	US-PGPUB; USPAT	NEAR	ON	2010/01/04 17:44
S201	7	("5027079"   "5790300"   "6204960"   "6263139"   "6359725"   "6529672"   "6819477").PN. OR ("7095552").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 17:55
S213	330	zero dispersion wavelengths smf	US-PGPUB; USPAT	WITH	ON	2010/01/05 17:53
S214	95	zero dispersion wavelengths smf	US-PGPUB; USPAT	NEAR	ON	2010/01/05 17:53
S215	2	(zero dispersion wavelengths smf).clm,ab,ti.	US-PGPUB; USPAT	NEAR	ON	2010/01/05 17:54
S216	9	zero dispersion wavelengths smf and pump light sourc\$2	US-PGPUB; USPAT	NEAR	ON	2010/01/05 17:56
S222	43	smf and hnlf	US-PGPUB; USPAT	NEAR	ON	2010/01/05 18:42
S223	23	smf with hnlf	US-PGPUB; USPAT	NEAR	ON	2010/01/05 18:42

**EAST Search History (Interference)**

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1/6/2010 2:46:03 PM

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